absorbs or reflects the electromagnetic energy of a frequency in a specified range, the method comprising:

(a) directing electromagnetic energy at the product and the container;

(b) detecting, without imaging, the absence of or reduction in electromagnetic energy of a frequency in a specified range which passes through or is reflected by the product and the container; and

(c) processing the detected electromagnetic energy to determine the presence or position of the product in the container.

Kindly add new claims 23 and 26 below.

23. An apparatus as defined in claim 2, wherein the source emits electromagnetic energy having a wavelength in the ultraviolet range, and said detector is sensitive to the electromagnetic energy in the ultraviolet range.

24. An apparatus as defined in claim 2, wherein the source emits electromagnetic energy having a wavelength in the ultraviolet range, and the detector is sensitive to the electromagnetic energy in the ultraviolet range, and the contact lens absorbs electromagnetic energy having a wavelength in the ultraviolet range.

25. An apparatus as defined in claim 2, wherein the source emits electromagnetic energy having a wavelength in the visible range, and the detector is sensitive to the electromagnetic energy in the visible range, and the contact lens absorbs electromagnetic energy having a wavelength in the visible range.

26. An apparatus as defined in claim 2, wherein the source emits electromagnetic energy having a wavelength in the infrared range, and the detector is sensitive to the electromagnetic energy in the infrared range, and the contact lens absorbs electromagnetic energy having a wavelength in the infrared range.